

MC9S08QE16CFT



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Part Number: [MC9S08QE16CFT](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 16KB FLASH 48QFN

Data sheet:  [MC9S08QE16,32 Ref Manual](#)
 [MC9S08QE16,32 Datasheet](#)
 [MC9S08QE16,32 Series](#)

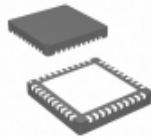
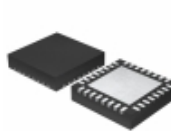
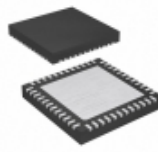
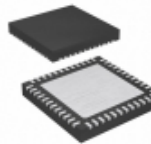
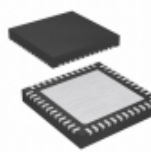
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PRODUCT PARAMETER			
Part Number	MC9S08QE16CFT	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 8BIT 16KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	37577 pcs	Data sheet	MC9S08QE16,32 Ref Manual MC9S08QE16,32 Datasheet MC9S08QE16,32 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	48-QFN-EP (7x7)	Speed	50MHz
Series	S08	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	LVD, PWM, WDT	Packaging	Tray
Package / Case	48-VFQFN Exposed Pad	Other Names	935316985557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	38	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	S08 S08 Microcontroller IC 8-Bit 50MHz 16KB (16K x 8) FLASH 48-QFN-EP (7x7)
Data Converters	A/D 10x12b	Core Size	8-Bit
Core Processor	S08	Connectivity	I ² C, LINbus, SCI, SPI
Base Part Number	MC9S08QE16		
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